

IN THE SPECIFICATION

Kindly rewrite the paragraph that begins on page 20, line 17 as follows:

The correct processing at the N-terminal was confirmed through the Edman degradation of purified HMW tc-uPA. As expected, the NH₂-terminal sequence of the B-chain was determined as:

- seq IDN3 IIGGEF-,

whereas the NH₂-terminal sequence of the A-chain was, as expected:

- seq IDN4 SNELHQ-,

These data demonstrated that the proteolytic cleavage occurs exactly and specifically at the Lys¹⁵⁸-Ile¹⁵⁹ bond, and Lys¹⁵⁸ is correctly removed from the rest of the molecule. Moreover, the analysis of the peptide mapping confirmed the existence of correct NH₂- and C-termini of both A- and B-chains of the recombinant tc-uPA HMW.

IN THE CLAIMS

81. (new) A process for the production of recombinant catalytically active two chain urokinase (tc-uPA) into the culture medium of an eukaryotic cell line which has been genetically transfected with a cDNA sequence encoding for a urokinase precursor wherein alkanoic acids selected from the group consisting of: butyric acid, sodium butyrate, sodium propionate, magnesium butyrate, tributyrin and phenylbutyrate, their derivatives or salts thereof, are added to the cell culture medium of said cell line, characterized in that at least 95% of the total urokinase is catalytically active